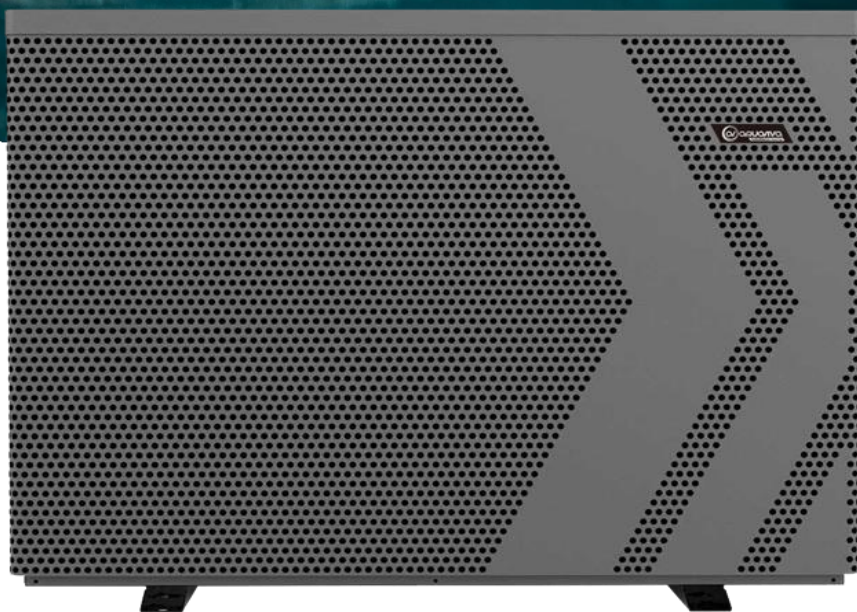




INSTALLATION & USER MANUAL

Thank you for choosing TurboSilence heat pump



SUMMARY

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PLEASE READ IT CAREFULLY AND KEEP IT FOR SUBSEQUENT USE

This manual provides you necessary information for optimal use and maintenance

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.



Warning:

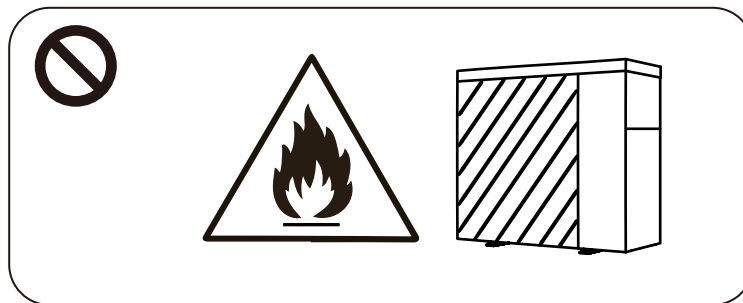
- a. Please read the following tips before installation, use and maintenance.
- b. Installation, removal and maintenance must be carried out by Professional in accordance with the instructions.
- c. Gas leakage test must be done before and after installation.

1. Use

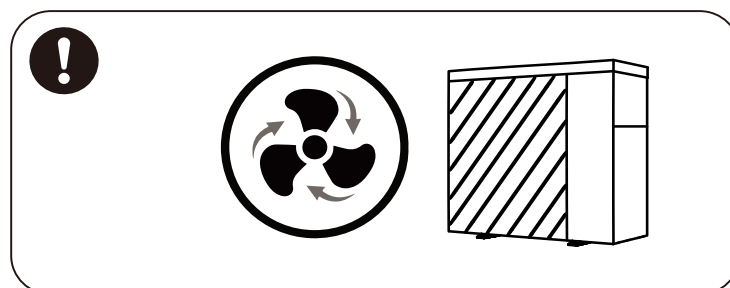
- a. It must be installed or removed by professionals, and it is forbidden to dismantle and refit without permission.
- b. Don't put obstacles before the air inlet and outlet of the heat pump.

2. Installation

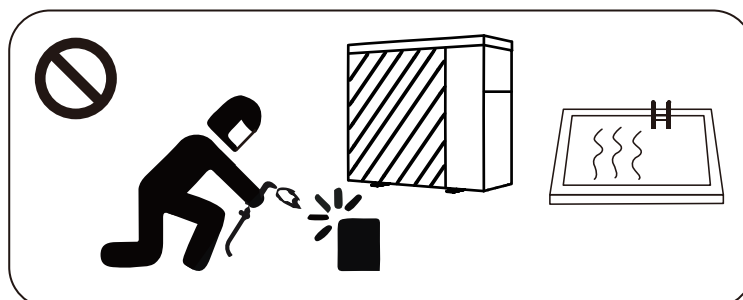
- a. This product must be kept away from any source of fire.



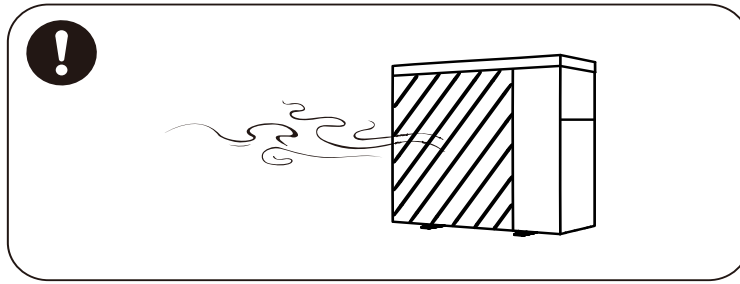
- b. The installation can't be in a closed environment or indoors, and must be kept well ventilated.



- c. Vacuum completely before welding, field welding is not allowed, welding can only be performed by professional personnel in professional maintenance center.



- d. Installation must be stopped if any gas leakage, and the unit must be returned to professional maintenance center.



3. Transportation and Storage

- a. Sealing is not allowed during transportation
- b. Transporting goods at a constant speed is needed to avoid sudden acceleration or sudden braking, so as to reduce the collision of goods.
- c. The unit must be far away from any source of fire.
- d. Storage place must be bright, wide, open and good ventilation, ventilation equipment is required.

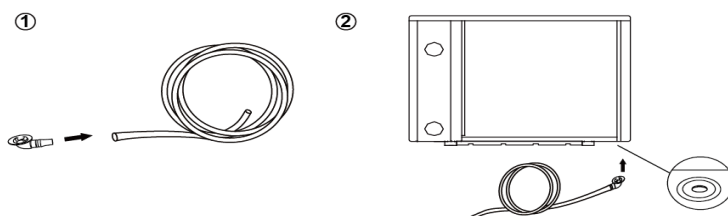
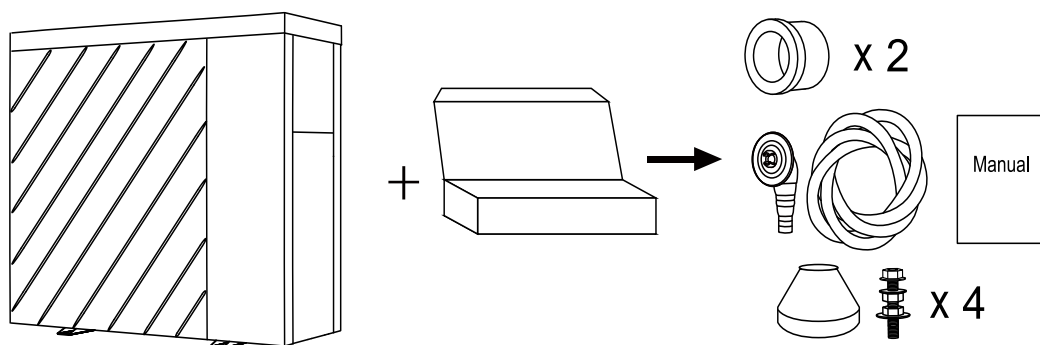
4. Maintenance Notice

- a. If maintenance or scrap is required, contact an authorized service center nearby
- b. Qualification requirement
All operators who dispose gas must be qualified by valid certification which issued by professional agency.
- c. Please strictly comply with the requirement from manufacturer when maintenance or filling gas. Please refer to the technical service manual.

1. GENERAL INFORMATION

1.1. Contents

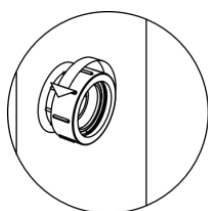
After unpacking, please check if you have all the following components.



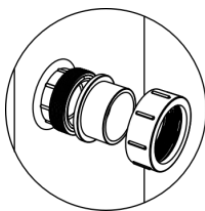
NOTICE:

Please install the water unions step by step.

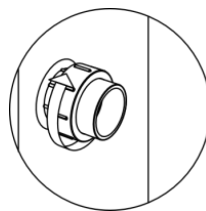
STEP 1



STEP 2



STEP 3






1.2. Operating conditions and range

ITEMS		RANGE
Operating range	Air temp	-15°C ~ 43°C / 5°F ~ 109°F
Temp. setting	heating	18°C ~ 40°C / 64°F ~ 104°F
	Cooling	12°C ~ 30°C / 54°F ~ 86°F


The heat pump will have ideal performance in the operation range Air 15°C ~ 25°C / 59°F ~ 77°F.

1.3. Advantages of different modes

The heat pump has three modes: Turbo, Smart and Silence. They have different advantages under different conditions.

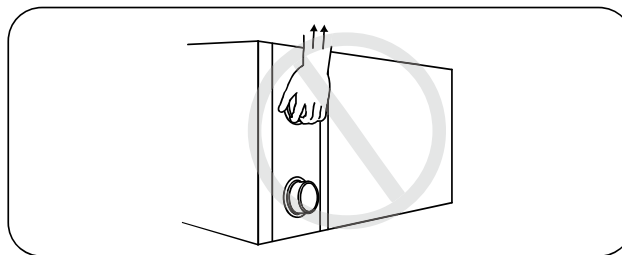
MODE	ADVANTAGES
Turbo mode 	Heating capacity: 120% ~20% Fast heating
Smart mode 	Heating capacity: 100% ~20% Intelligent optimization according to ambient temperature and water temperature Energy efficiently saving
Silence mode 	Heating capacity: 60% ~20% Use at night

1.4. Kind reminder

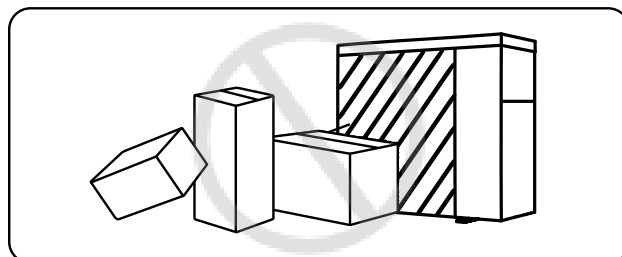
 In case of power failure during the operation of the machine, the machine will automatically restart when the power is restored.

1.4.1. The heat pump can only be used to heat the pool water. It can NEVER be used to heat other flammable or turbid liquid.

1.4.2. Don't lift the water unions when moving the heat pump since the titanium heat exchanger inside the heat pump will be damaged.

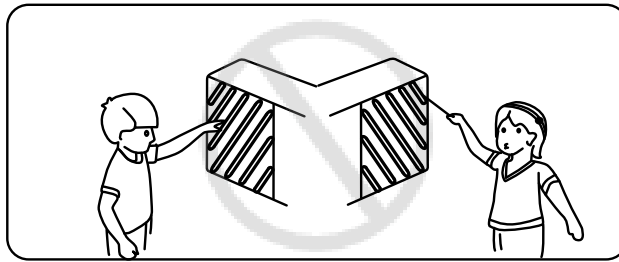


1.4.3. Don't put obstacles before the air inlet and outlet of the heat pump.

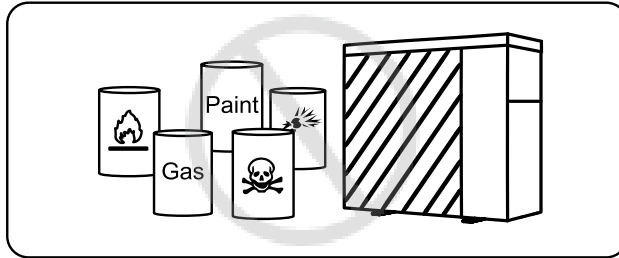


For users

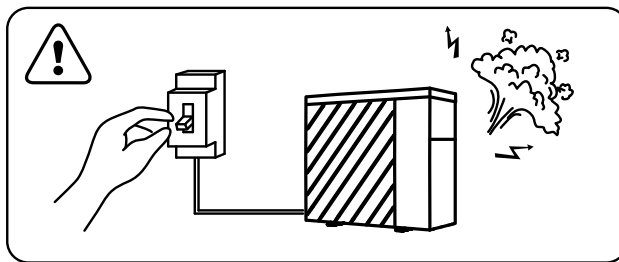
1.4.4. Do not put anything into the inlet or outlet, and do not remove the fan cover and the running fan to avoid injury.



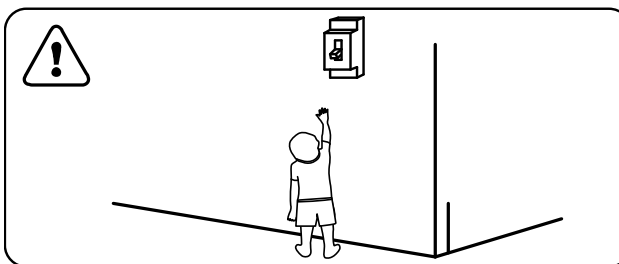
1.4.5. Don't use or store combustible gas or liquid such as thinners, paint and fuel to avoid fire.



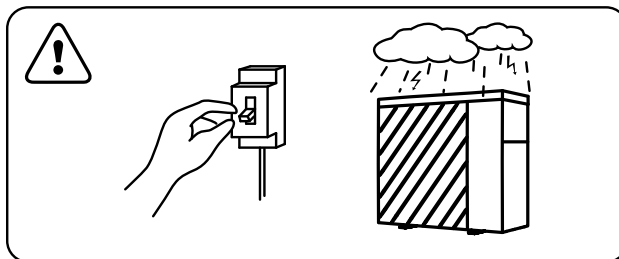
1.4.6. If any abnormal circumstances occurred, e.g.: abnormal noises, smells, smokes and leakage of electricity, switch off the main power immediately and contact your local dealer. Don't try to repair the heat pump by yourselves.



1.4.7. The main power switch should be out of the reach of Children.



1.4.8. Please cut off the power in the lightning storm weather.



For users

1.4.9. Please note that following codes are not failure.

	CODES
No water protection	E3
Anti-Freezing protection	Ed
Out of the operating range	Eb
Insufficient water flow protection	E6
Power abnormal	E5

2. OPERATIONS

2.1. Notice before using





2.1.1. For longer service life, please ensure water pump is on before heat pump starts to work, and water pump is off after heat pump is off.


2.1.2. Ensure no water leakage on piping system, then unlock screen and power on heat pump.

2.2. Operation instructions



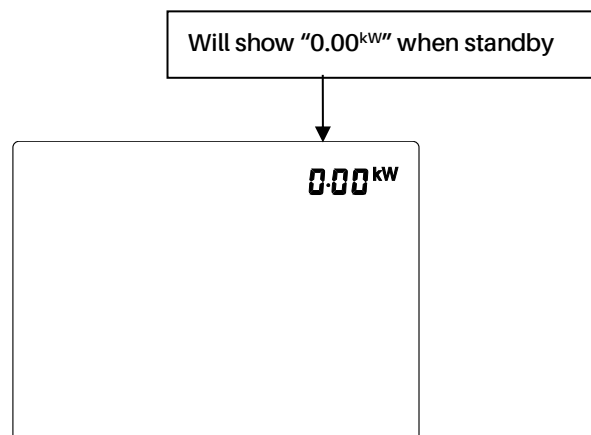
For users

Symbol	Designation	Function
	ON/OFF	1. Power On/Off 2. Wifi setting
	Unlock / Mode	1. Press it for 3 seconds to unlock/lock screen 2. After screen is unlocked, press it to select mode. Auto 12~40°C / 54°F~ 104°F Heating 18~40°C / 64°F~ 104°F Cooling 12~30°C / 54°F~ 86°F
	Speed	Select Turbo/Smart/Silence mode
	Up / Down	Adjust set temperature


Note:  will be light all the time when power is on.

① Standby screen display:


When the screen is locked, the key lamp will be off.



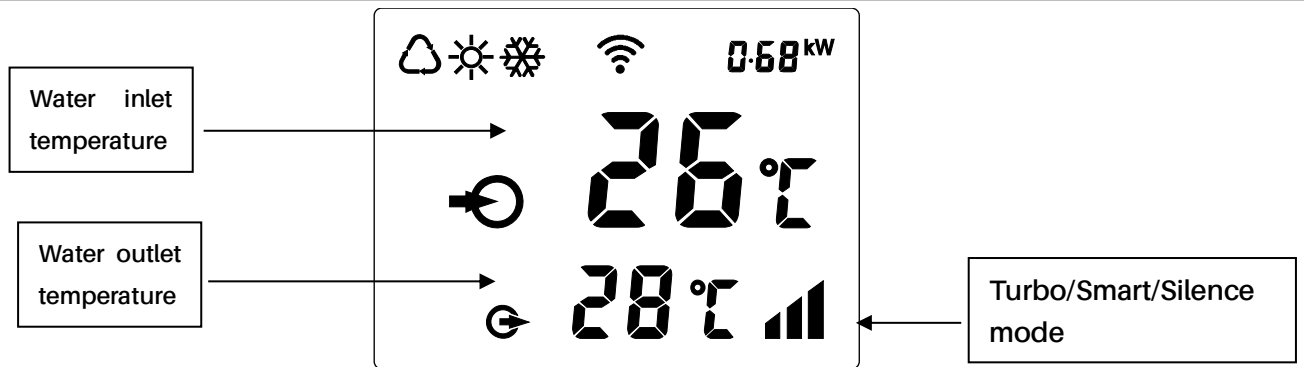
② Screen lock:

- If no operation in 30 seconds, screen will be locked.
- When HP is off, screen will be dark and "0%" or "0.00^{kW}" will be displayed.
- Press  for 3 seconds to lock screen and it will be dark

③ Screen unlock:


- Press  for 3 seconds to unlock screen and it will be lit up.
- Only after screen is unlocked, any other buttons can be functioned.

For users









	Auto
	Heating
	Cooling
	Heating capacity percentage
	Real-time power consumption display
	Wifi connection
	Water inlet
	Water outlet



1. Power On: Press for 3 seconds to light up screen, then press to power on heat pump.
2. Adjust Set Temperature: When screen is unlocked, press or to display or adjust the set temperature.
3. Switching of real-time power consumption and heating capacity percentage display: Press and 5 seconds to switch between real-time power consumption display and heating capacity percentage display. Real-time power consumption function available for single-phase only.
4. Mode Selection: Press to select mode.
 - a. Auto : adjustable temperature range 12~40°C / 54°F~104°F
 - b. Heating : adjustable temperature range 18~40°C / 64°F~104°F





c. Cooling : adjustable temperature range 12~30°C / 54°F~86°F

5. Turbo/ Smart/Silence mode selection:

Press  to enter Turbo mode, and screen shows , then press  to enter Silence mode, the screen shows . Press  again, the screen shows  and return to Smart mode.



6. Defrosting

a. Auto Defrosting: When heat pump is defrosting,  will be flashing. After defrosting,  will stop flashing.

b. Compulsory Defrosting: When heat pump is heating, press  and  together for 5 seconds to start compulsory defrosting, and  will be flashing. After defrosting,  will stop flashing.

Note: Compulsory defrosting intervals should be more than 30 minutes and the compressor should run for more than 10 minutes at heating mode.

7. Temperature display conversion between °C and °F:





Press " " and " " together for 5 seconds to switch between °C and °F.

8. Wifi setting






Please kindly check the last page.

2.3. Advanced application

2.3.1. Parameter Checking

- Press  and  together for 5 seconds to enter "Parameter Checking" status, the parameter code "P0" and the parameter value "0" will display on the screen, such as "P0 0", which means water pump running way is continuous.
- In "Parameter Checking" status, press  or  to check the parameters.





2.3.2. Parameter Modification

In "Parameter Checking" status, press  to enter the "Parameter Modification" mode, press  or  to change the values, then press  to confirm and quit "Parameter Modification" mode, press  to quit "Parameter Checking" status.

2.3.3. Parameter list

NO.	Content	Adjust range	Step length
P0	Water Pump Running Way	0: Continuous 1: Water temp control 2: Time/water temp control	1
P1	Time Setting (Only available when the water pump running way is set to "2")	10 ~ 120 min	5 min
P2	Compressor Continuously Running Time between Defrosting Mode	30 ~ 90 min	1 min
P3	Defrosting Entry Temp	-17~0°C / 1~32°F	1°C / 1°F
P4	Maximum Defrosting Running Time	1 ~ 12 min	1 min
P5	Defrosting Exit Temp	8~30°C / 46~86°F	1°C / 1°F

2.3.4. Running status checking

Press  for 5 seconds, enter into "Running status checking", and the screen alternately shows status point "C0" and its corresponding value. Check all status points and their corresponding value through  or , Press  to quit "running status checking" mode.

Running status checking list

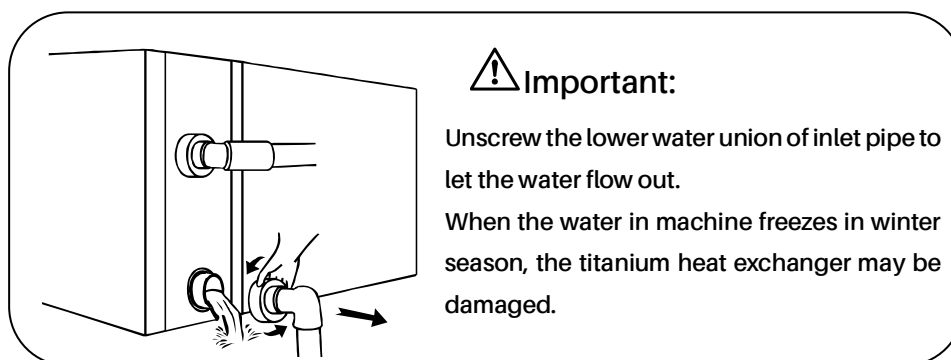
Symbol	Content	Unit
C0	Inlet water temp.	°C / °F
C1	Outlet water temp.	°C / °F
C2	Ambient temp.	°C / °F
C3	Exhaust temp.	°C / °F
C4	Outer coil pipe temp. (Evaporator)	°C / °F
C5	Gas return temp.	°C / °F
C6	Inner coil pipe temp. (Titanium heat exchanger)	°C / °F
C9	Cooling plate temp.	°C / °F
C10	Electronic expansion valve opening	P
C11	DC fan speed	(r/min)

2.4. Daily maintenance and winterizing**2.4.1. Daily Maintenance**

- ⚠** Please don't forget to cut off power supply of the heat pump
- Please clean the heat pump with household detergents or clean water, **NEVER** use gasoline, thinners or any similar fuel.
 - Check bolts, cables and connections regularly.

2.4.2. Winterizing

In winter season when you don't swim, please cut off power supply and drain water out of the heat pump. When using the heat pump under 2°C / 36°F, make sure there is always water flow.



3. TECHNICAL SPECIFICATION

Model	AVTXI21	AVTXI28	AVTXI36	AVTXI43	AVTXI46
Advised pool volume (m³)	20~30	25~40	31~50	41~55	41~60
Operating air temperature (℃)	-15~43				
Performance Condition: Air 26℃, Water 26℃, Humidity 80%					
Heating capacity (kW) in Turbo mode	8.8	11.0	13.5	15.5	17.5
Heating capacity (kW) in Smart mode	7.4	9.2	11.5	13.0	14.5
COP in Smart mode	7.5	7.8	8.2	7.8	7.5
COP	15.1~7.0	15.1~7.1	15.0~7.3	15.8~6.8	15.5~6.4
COP at 50% capacity	11.3	11.4	11.6	11.4	11.2
Performance Condition: Air 15℃, Water 26℃, Humidity 70%					
Heating capacity (kW) in Turbo mode	6.0	7.5	9.0	10.2	11.3
Heating capacity (kW) in Smart mode	5.0	6.3	7.5	8.5	9.4
COP in Smart mode	4.9	5.2	5.3	5.4	5.0
COP	7.4~4.5	6.9~4.8	6.8~4.9	7.8~4.7	7.3~4.4
COP at 50% capacity	6.7	6.5	6.5	6.9	6.6
Performance Condition: Air 35℃,Water 28℃, Humidity 80%					
Cooling capacity (kW)	3.7	4.4	5.6	6.0	6.5
Sound pressure at 1m dB(A)	37.8~44.5	38.5~45.5	38.6~46.9	42.0~47.1	42.0~47.7
Sound pressure of 50% capacity at 1m dB(A)	38.5	39.5	41.3	43.2	43.7
Sound pressure at 10m dB(A)	17.8~24.5	18.5~25.5	18.6~26.9	22.0~27.1	22.0~27.7
Power supply	230V/1 Ph/50Hz				
Rated input power at air 15℃ (kW)	0.15~1.31	0.18~1.53	0.22~1.8	0.23~2.2	0.26~2.56
Rated input current at air 15℃ (A)	0.65~5.70	0.78~6.65	0.96~7.82	1.00~9.56	1.14~11.3
Advised water flux (m³/h)	2~4	2~4	3~4	4~6	4~6
Water pipe in-out size (mm)	50				
Net Dimension L × W × H (mm)	799×432×650	799×432×650	893×432×650	939×432×650	939×432×650
Net weight (kg)	51	51	61	65	65

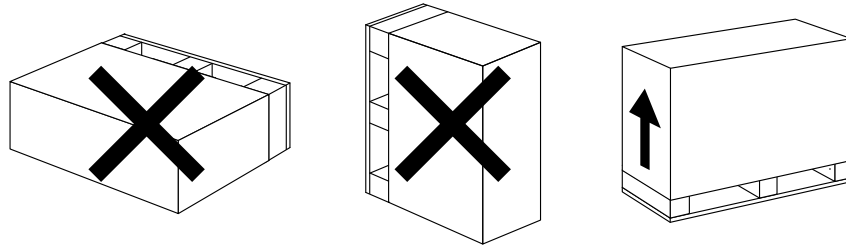
For users

Model	AVTXI56	AVTXI66	AVTXI80	AVTXI80T	AVTXI110T
Advised pool volume (m³)	51~75	61~85	76~110	76~110	86~140
Operating air temperature (°C)	-15~43				
Performance Condition: Air 26°C, Water 26°C, Humidity 80%					
Heating capacity (kW) in Turbo mode	21.5	25.5	31.5	31.5	40.0
Heating capacity (kW) in Smart mode	17.8	21.5	27.0	27.0	35.0
COP in Smart mode	7.3	7.8	7.4	7.4	7.3
COP	15.0~6.3	16.0~6.8	15.8~6.3	15.8~6.3	15.8~6.4
COP at 50% capacity	11.2	11.3	11.2	11.2	11.1
Performance Condition: Air 15°C, Water 26°C, Humidity 70%					
Heating capacity (kW) in Turbo mode	14.3	17.5	21.5	21.5	28.0
Heating capacity (kW) in Smart mode	11.8	14.8	18.0	18.0	24.0
COP in Smart mode	5.0	5.4	5.3	5.3	5.1
COP	7.8~4.6	7.8~4.9	7.8~4.9	7.8~4.9	7.9~4.7
COP at 50% capacity	6.8	6.8	6.8	6.8	6.7
Performance Condition: Air 35°C,Water 28°C, Humidity 80%					
Cooling capacity (kW)	8.0	11.6	13.6	13.6	16.0
Sound pressure at 1m dB(A)	42.9~50.8	40.8~51.2	43.3~51.9	43.3~51.9	42.5~51.7
Sound pressure of 50% capacity at 1m dB(A)	44.5	44.4	46.4	46.4	43.8
Sound pressure at 10m dB(A)	22.9~30.8	20.8~31.2	23.3~31.9	23.3~31.9	22.5~31.7
Power supply	230V/1 Ph/50Hz			400V/3 Ph/50Hz	
Rated input power at air 15°C (kW)	0.31~3.08	0.38~3.53	0.46~4.4	0.46~4.4	0.60~5.94
Rated input current at air 15°C (A)	1.35~13.4	1.65~15.3	2.01~19.1	0.66~6.35	0.87~8.57
Advised water flux (m³/h)	6.5~8.5	8~10	10~12	10~12	12~18
Water pipe in-out size (mm)	50				
Net Dimension L × W × H (mm)	995×432×750	1125×429×952	1074×539×947	1074×539×947	1260×539×947
Net weight (kg)	70	98	102	111	126

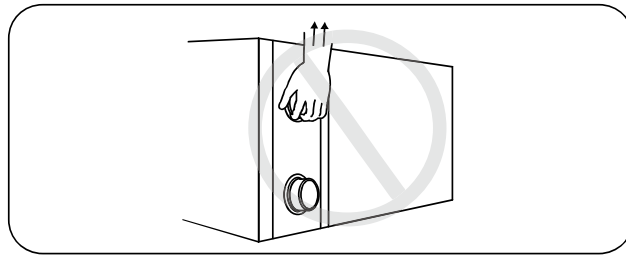
- The values indicated are valid under ideal conditions: Pool covered with an isothermal cover, filtration system running at least 15 hours a day.
- Related parameters subject to adjustment periodically for technical improvement without further notice. For details please refer to nameplate.

1. TRANSPORTATION

1.1. When storing or moving the heat pump, the heat pump should be at the upright position.



1.2. When moving the heat pump, do not lift the water union since the titanium heat exchanger inside the heat pump will be damaged.

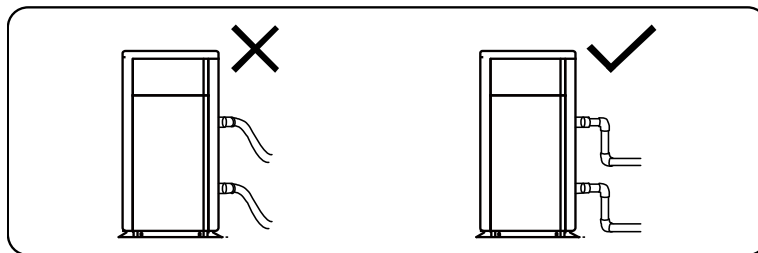


2. INSTALLATION AND MAINTENANCE

⚠ The heat pump must be installed by a professional team. The users are not qualified to install by themselves, otherwise the heat pump might be damaged and risky for users' safety.

2.1. Notice before installation

2.1.1. The inlet and outlet water unions can't bear the weight of soft pipes. The heat pump must be connected with hard pipes!



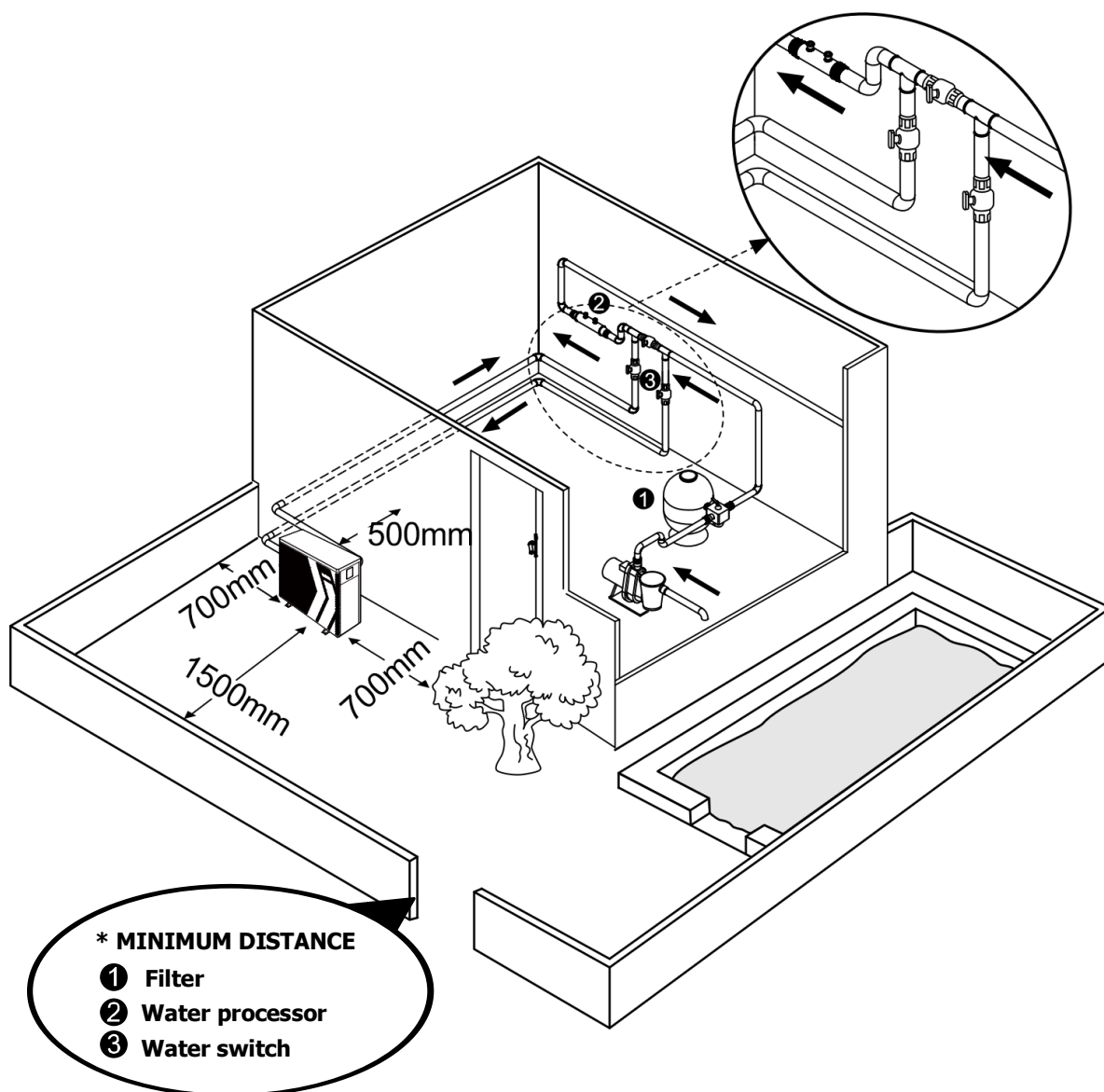
2.1.2. In order to guarantee the heating efficiency, the water pipe length should be $\leq 10\text{m}$ between the pool and the heat pump.

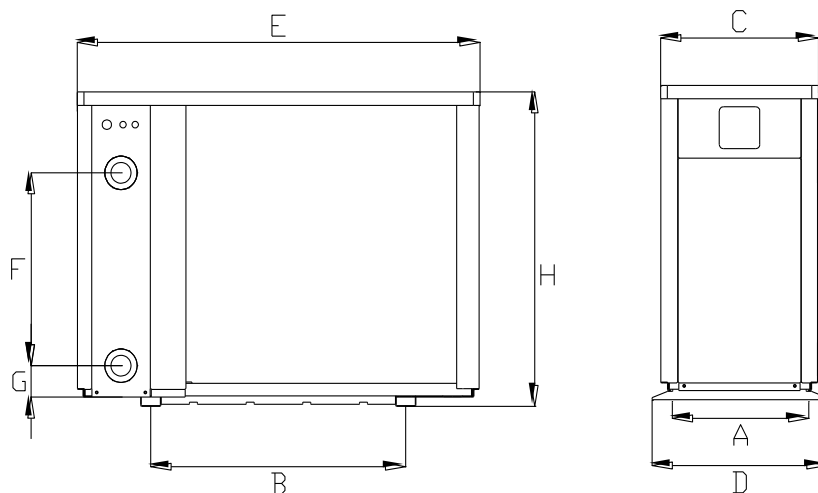
For installers and professionals

2.2. Installation instruction

2.2.1. Location and size

! To avoid air recirculation, the heat pump should be installed in a place with good ventilation or should reserve sufficient space for installation and maintenance. Please refer to the schema below:





Model	UNIT=MM	A	B	C	D	E	F	G	H
	AVTXI21	407	434	390	432	799	300	74	650
	AVTXI28	407	434	390	432	799	300	74	650
	AVTXI36	407	528	390	432	893	280	74	650
	AVTXI43	407	574	390	432	939	350	74	650
	AVTXI46	407	574	390	432	939	350	74	650
	AVTXI56	407	630	390	432	995	460	74	750
	AVTXI66	404	760	384	429	1125	600	74	952
	AVTXI80	514	710	493	539	1074	640	74	947
	AVTXI80T	514	710	493	539	1074	640	74	947
	AVTXI110T	514	900	493	539	1260	650	74	947

※ Above data is subject to modification without notice.

2.2.2. Heat pump installation.

- The frame must be fixed by bolts (M10) to concrete foundation or brackets. The concrete foundation must be solid; the bracket must be strong enough and anti-rust treated;
- The heat pump needs a water pump (Supplied by the user). The recommended pump specification-flux: refer to Technical Parameter, Max. lift $\geq 10\text{m}$
- When the heat pump is running, there will be condensation water discharged from the bottom, please pay attention to it. Please insert the drainage tube(accessory) into the hole and clip it well, then connect a pipe to drain off the condensation water.

2.2.3. Wiring and protecting devices and cable specification

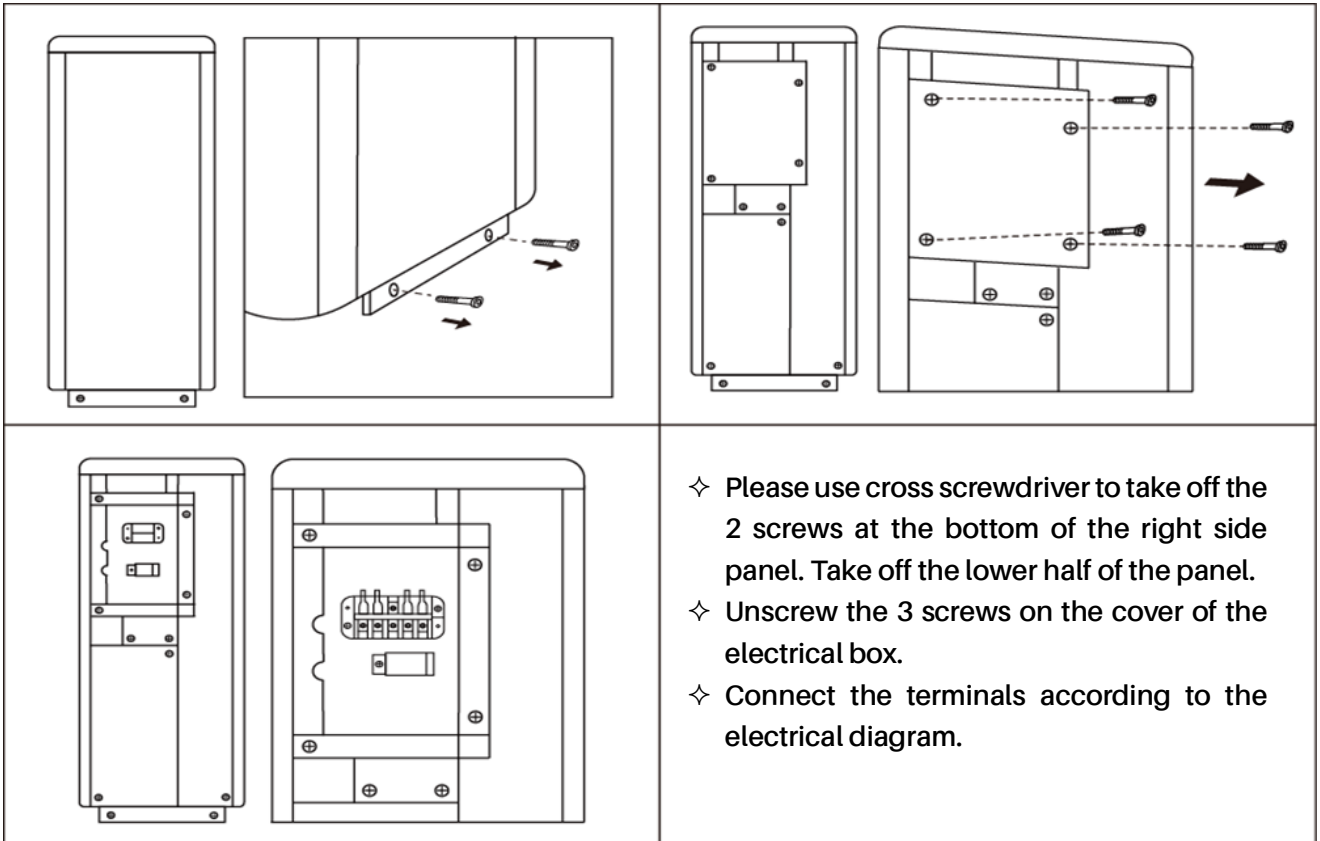
- Connect to appropriate power supply, the voltage should comply with the rated voltage of the products.
- Well earth the heat pump.
- Wiring must be connected by a professional technician according to the circuit diagram.

For installers and professionals

- Set breaker or fuse according to the local code (leakage operating current $\leq 30\text{mA}$).
- The layout of power cable and signal cable should be orderly and not affecting each other. Considering the environmental conditions (ambient temperature, direct sunlight, rain, grid voltage, cable length, etc.), the cross-sectional area of the cable can be appropriately increased.

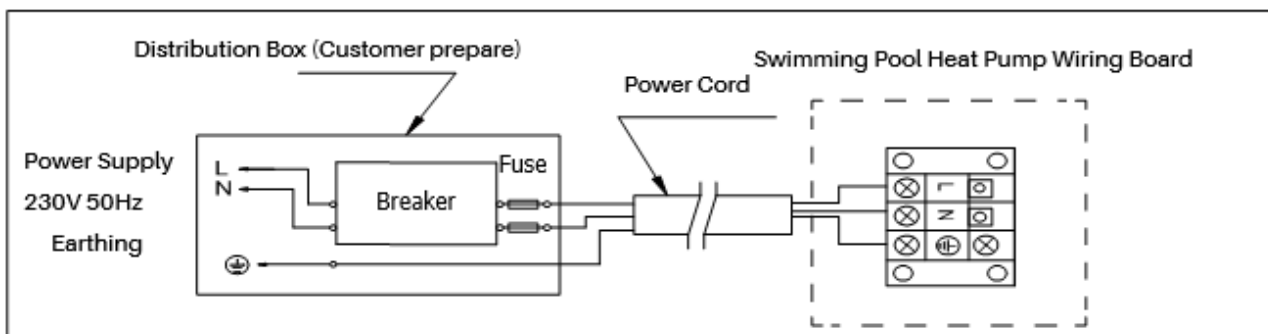


1. Connecting your power wire



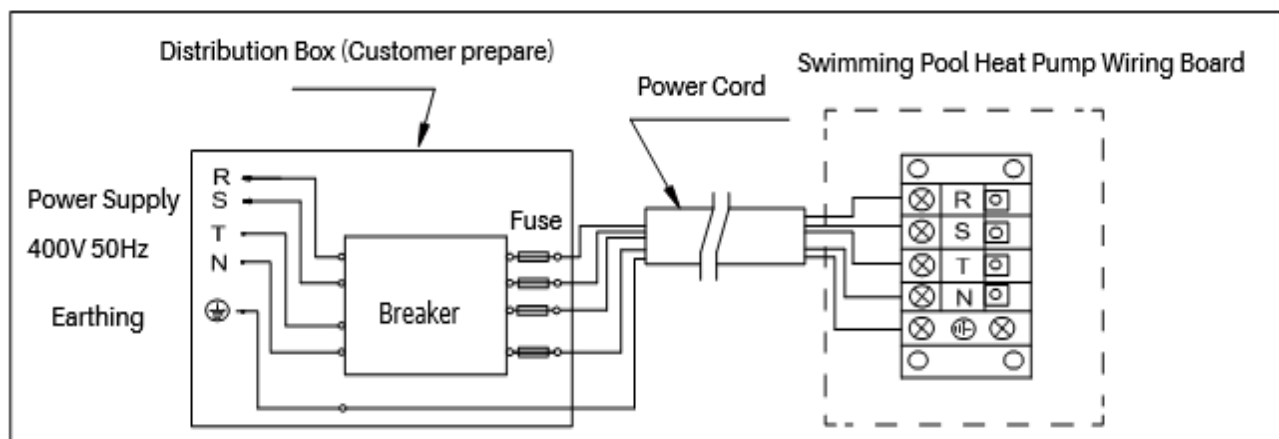
2. Wiring diagram

A. For power supply: 230V 50Hz



For installers and professionals

B. For power supply: 400V 50Hz



NOTE:



Must be hard wired, no plug allowed.

- For your safe use in winter, it's strongly recommended to equip heating priority function.
- For the detailed wiring diagram, please refer to Appendix 1.

3. Options for protecting devices and cable specification

Model		AVTXI21	AVTXI28	AVTXI36	AVTXI43	AVTXI46
Breaker	Rated Current A	12.0	12.0	15.0	19.0	19.0
	Rated Residual Action Current mA	30	30	30	30	30
Max input current (A)		10.0	10.0	12.5	16.0	16.0
Fuse A		12.0	12.0	15.0	19.0	19.0
Power Cord (mm ²)		3×2.5	3×2.5	3×2.5	3×2.5	3×2.5
Signal cable (mm ²)		3×0.5	3×0.5	3×0.5	3×0.5	3×0.5

Model		AVTXI56	AVTXI66	AVTXI80	AVTXI80T	AVTXI110T
Breaker	Rated Current A	22.5	24.5	30.0	12.0	15.0
	Rated Residual Action Current mA	30	30	30	30	30
Max input current (A)		18.5	20.5	25.0	10.0	12.5
Fuse A		22.5	24.5	30.0	12.0	15.0
Power Cord (mm ²)		3×4	3×4	3×6	5×2.5	5×2.5
Signal cable (mm ²)		3×0.5	3×0.5	3×0.5	3×0.5	3×0.5

NOTE: The above data is adapted to power cord ≤ 5m. If power cord is >5m, wire diameter must be increased. The signal cable can be extended to 50m at most.

For installers and professionals

2.3. Trial after installation

⚠ Please check all the wirings carefully before turning on the heat pump.

2.3.1. Inspection before use

- Check installation of the whole heat pump and the pipe connections according to the pipe connecting drawing;
- Check the electric wiring according to the electrical wiring diagram and earthing connection;
- Make sure that the main power is well connected;
- Check if there is any obstacle in front of the air inlet and outlet of the heat pump

2.3.2. Trial

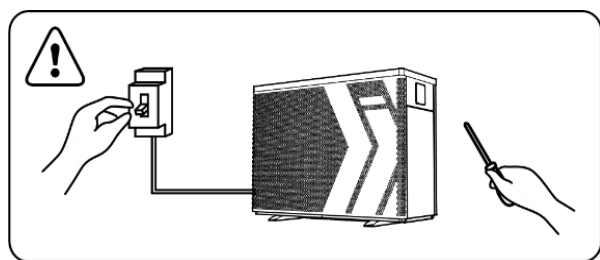
- Twater pump should start before the heat hump, and turn off after the heat pump for long life.
- After the water pump starts, please make sure no leakage of water. Then power on and press the ON/OFF button of the heat pump, and set desired temperature.
- In order to protect the heat pump, the heat pump is equipped with start delay function. When starting the heat pump, the fan will start to run in 3 minutes, in another 30 seconds, the compressor will start to run.
- After pool heat pump starts up, check for any abnormal noise from the heat pump.
- Check the temperature setting.

2.4. Maintenance and winterizing

2.4.1. Maintenance

⚠ The maintenance should be carried out once per year by qualified professional technician.

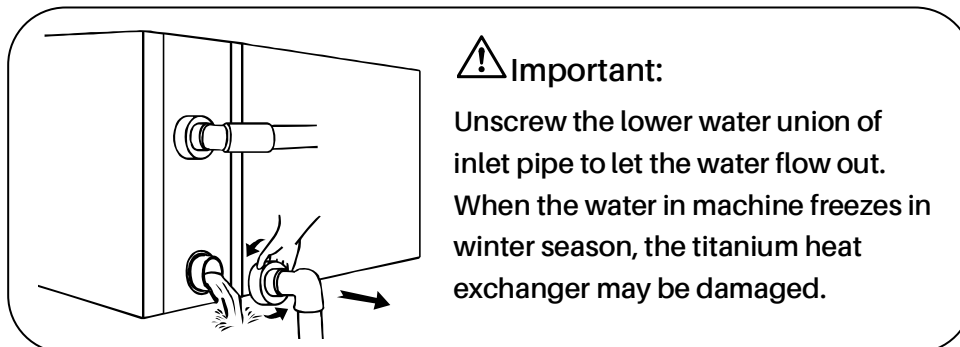
- Cut off power supply of the heat pump before cleaning, examination and repairing . Do not touch the electronic components until the LED indication lights on PC board turn off.
- Please clean the evaporator with household detergents or clean water, NEVER use gasoline, thinners or any similar fuel.
- Check bolts, cables and connections regularly.



For installers and professionals

2.4.2. Winterizing

In winter season when you don't swim, please cut off power supply and drain water out of the heat pump. When using the heat pump under 2°C / 36°F, make sure there is always water flow.



3. TROUBLE SHOOTING FOR COMMON FAULTS

FAILURE	REASON	SOLUTION
Heat pump doesn't run	No power	Wait until the power recovers
	Power switch is off	Switch on the power
	Fuse burned	Check and change the fuse
	The breaker is off	Check and turn on the breaker
Fan running but with insufficient heating	evaporator blocked	Remove the obstacles
	Air outlet blocked	Remove the obstacles
	3 minutes start delay	Wait patiently
Display normal, but no heating	Set temp. too low	Set proper heating temp.
	3 minutes start delay	Wait patiently
If above solutions don't work, please contact your installer with detailed information and your model number. Don't try to repair it yourself.		

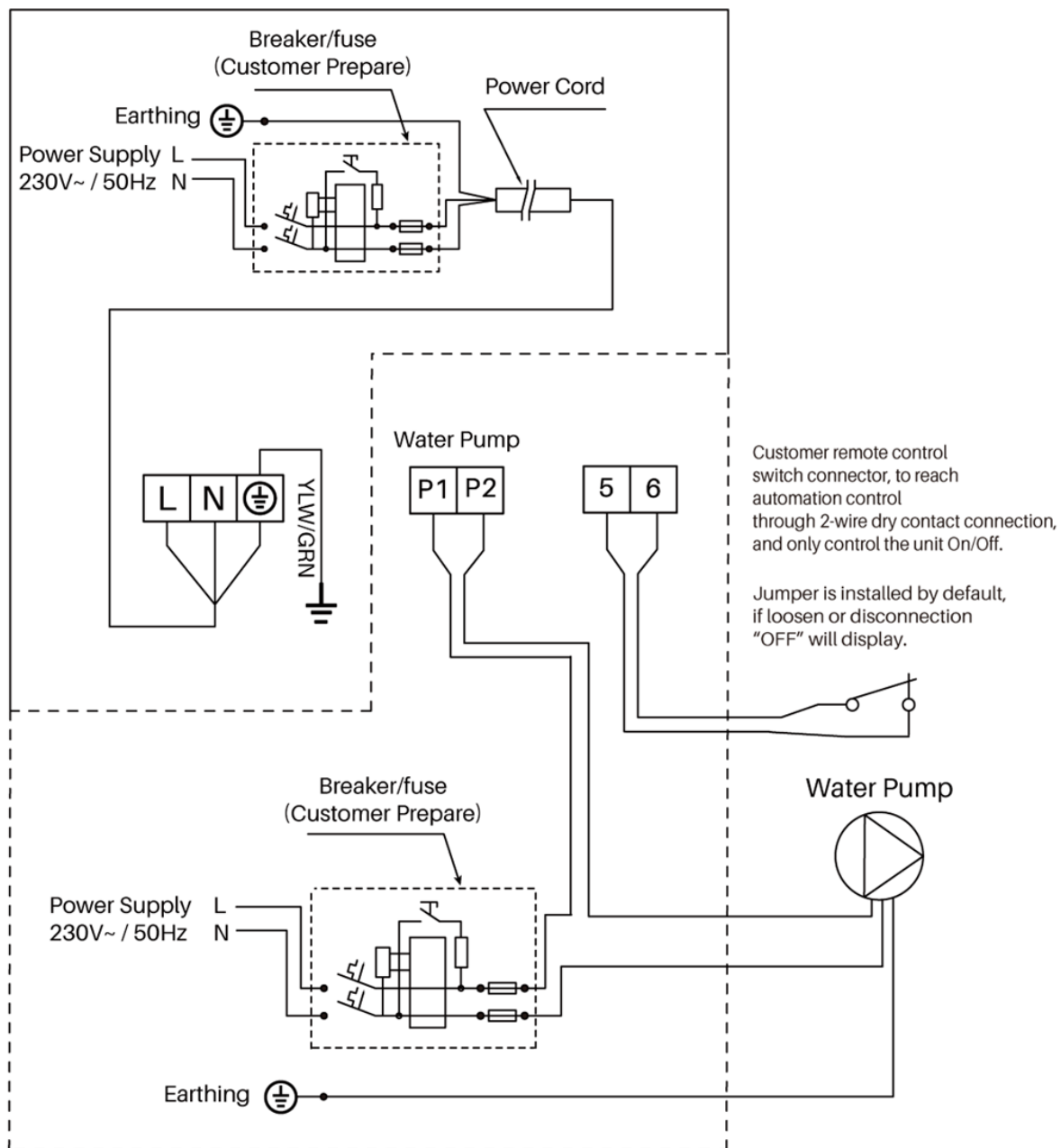
ATTENTION! Please don't try to repair the heat pump by yourself to avoid any risk.

4. FAILURE CODE

NO.	DISPLAY	NOT FAILUREDESCRIPTION
1	E3	No water protection
2	E5	Power supply exceeds operation range
3	E6	Excessive temp difference between inlet and outlet water (Insufficient water flow protection)
4	Eb	Ambient temperature too high or too low protection
5	Ed	Anti-freezing reminder
6	OFF	Customer Control Switch DIN2 Disconnect
NO.	DISPLAY	FAILUREDESCRIPTION
1	E1	High pressure protection
2	E2	Low pressure protection
3	E4	Phases lack protection (three phase model only)
4	E7	Water outlet temp too high or too low protection
5	E8	High exhaust temp protection
6	EA	Evaporator overheat protection (only at cooling mode)
7	P0	Controller communication failure
8	P1	Water inlet temp sensor failure
9	P2	Water outlet temp sensor failure
10	P3	Gas exhaust temp sensor failure
11	P4	Heating (Evaporator) coil pipe temp sensor
12	P5	Gas return temp sensor failure
13	P6	Cooling (Titanium heat exchanger) coil pipe temp sensor
14	P7	Ambient temp sensor failure
15	P8	Cooling plate sensor failure
16	P9	Current sensor failure
17	PA	Restart memory failure
18	F1	Compressor drive module failure
19	F2	PFC module failure
20	F3	Compressor start failure
21	F4	Compressor running failure
22	F5	Inverter board over current protection
23	F6	Inverter board overheat protection
24	F7	Current protection
25	F8	Cooling plate overheat protection
26	F9	Fan motor failure
27	Fb	Capacitor no charging protection
28	FA	PFC module over current protection
29	8888	Communication failure

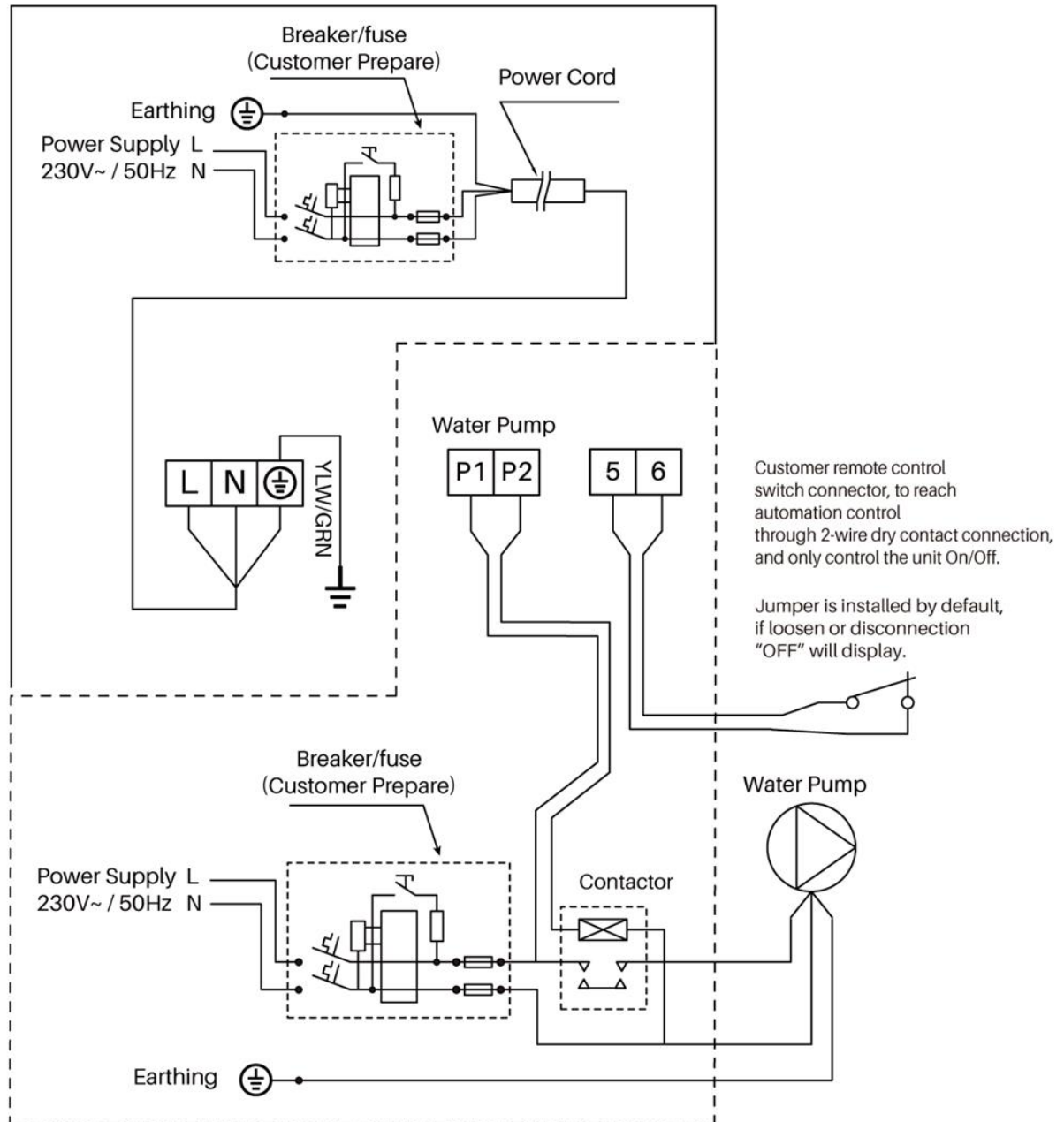
APPENDIX 1: HEATING PRIORITY WIRING DIAGRAM (OPTIONAL)

For Water Pump: Voltage 230V, Capacity $\leq 500W$

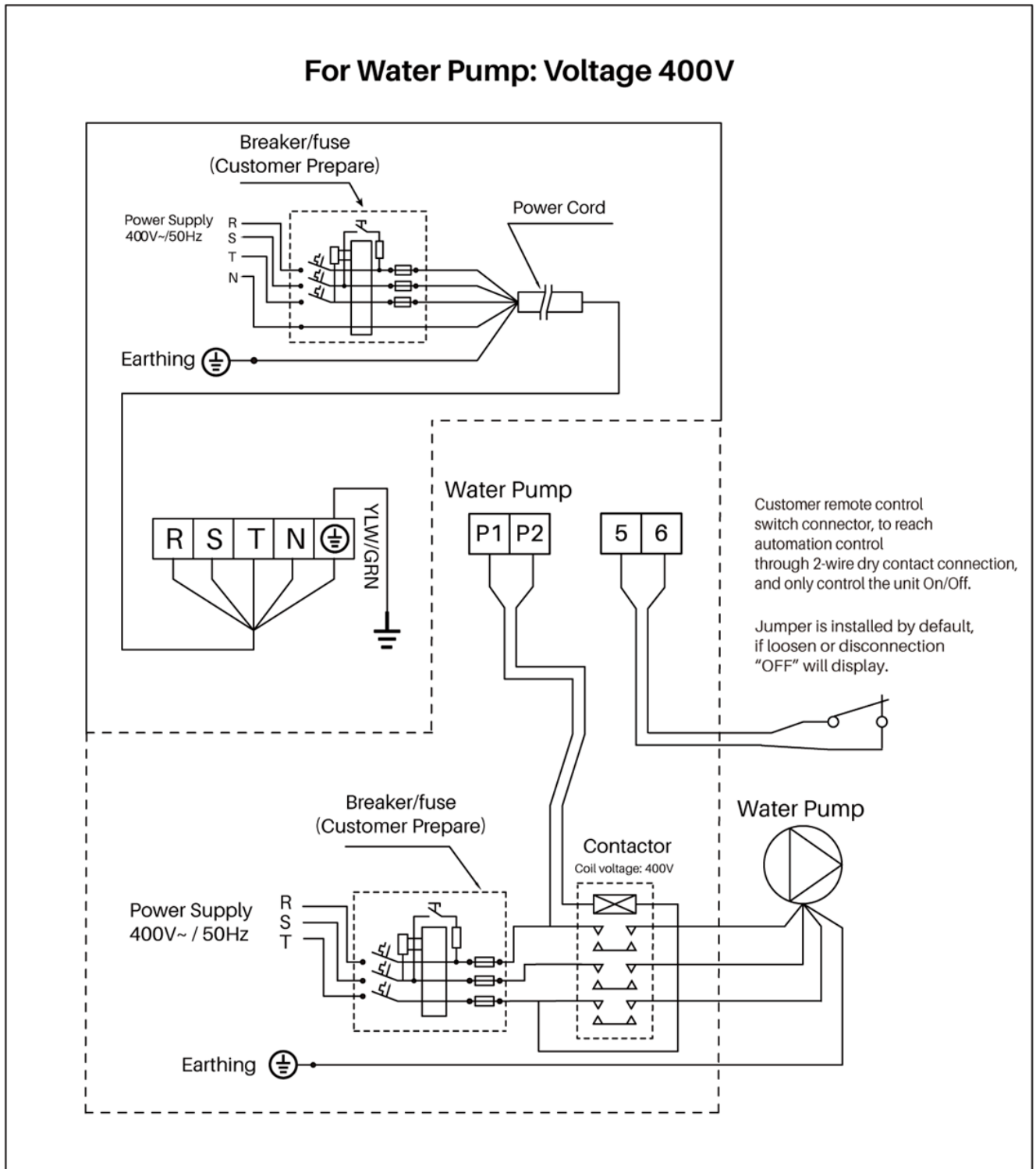


APPENDIX 2: HEATING PRIORITY WIRING DIAGRAM (OPTIONAL)

For Water Pump: Voltage 230V, Capacity > 500W



APPENDIX 3: HEATING PRIORITY WIRING DIAGRAM (OPTIONAL)

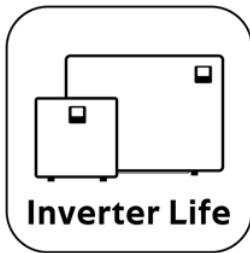


Parallel connection with filtration timer

If the user wants to connect the water pump timer, the installer should connect water pump timer and water pump wiring of heat pump in parallel. So that water pump can start when water pump timer or water pump wiring of heat pump is connected, and water pump will only be switched off when both are disconnected at the same time.

5. WIFI SETTING

5.1. APP Download



Android mobile please download from

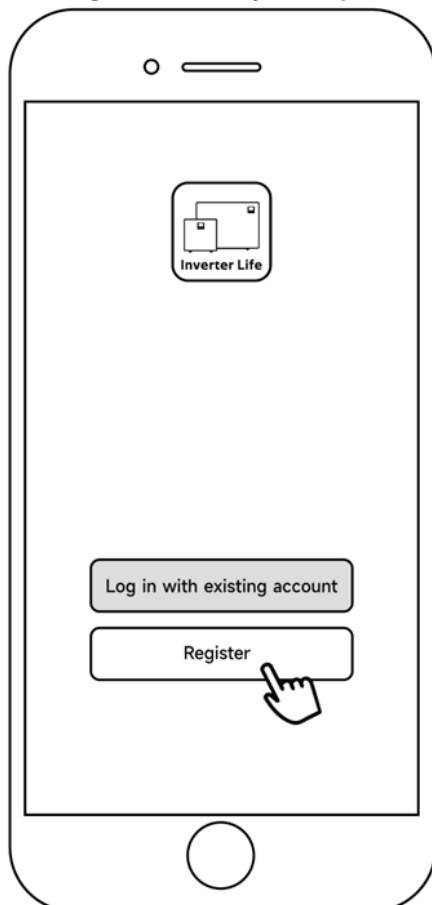


iphone please download from



5.2. Account registration

a) Registration by Cell phone number/Email

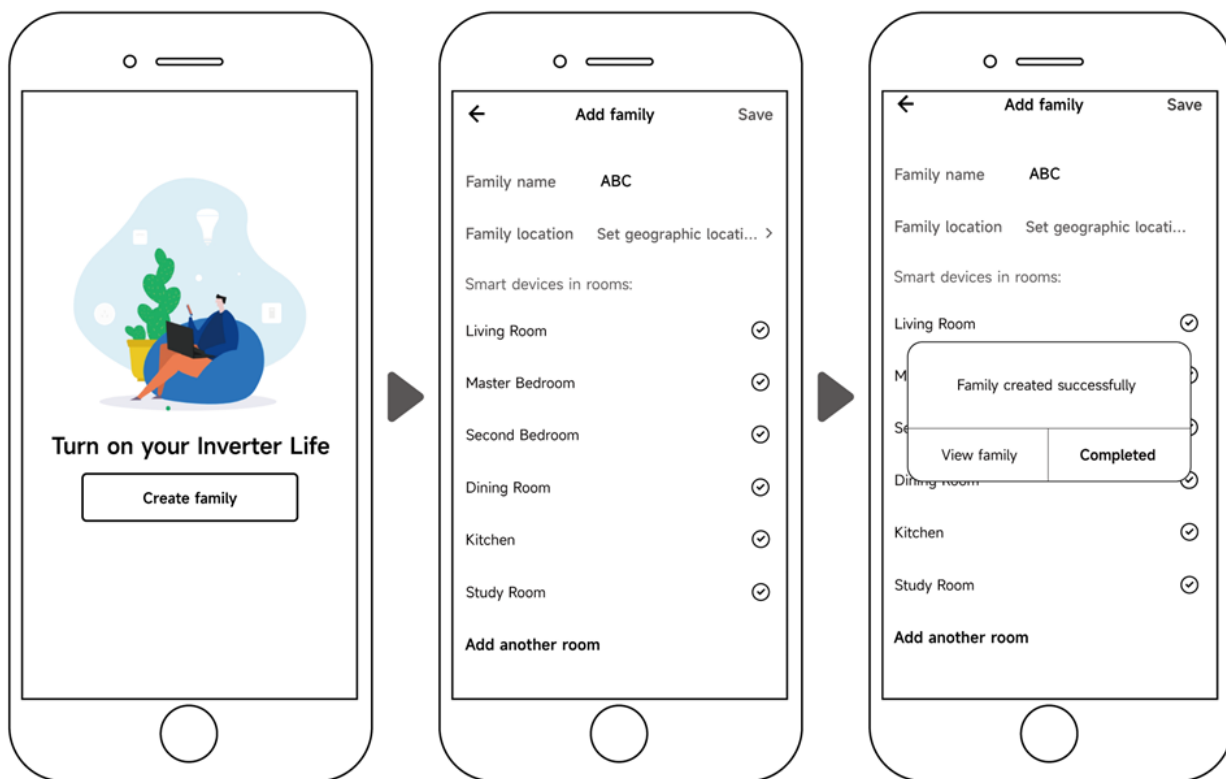


b) Cell phone number registration



5.3. Create family

Please set family name and choose the room of device



For installers and professionals



5.4. Three methods of device binding

Please connect your phone to the Wi-Fi network first.

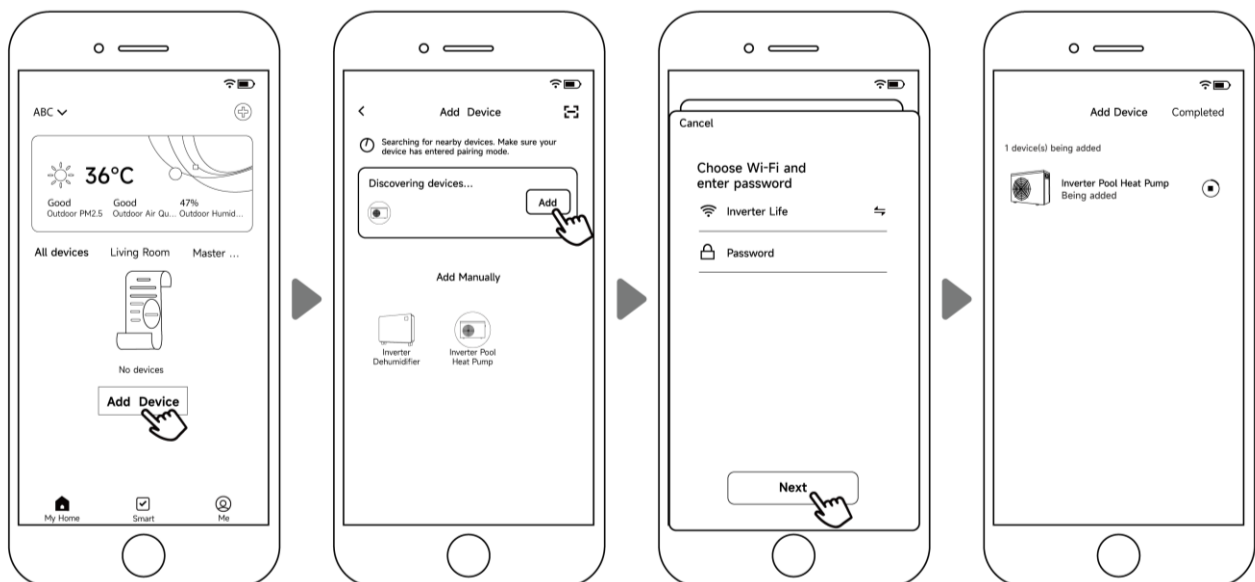


5.4.1. Auto Discovery (Bluetooth)

a) Please make sure the Bluetooth function is enabled on your phone.

b) Press  for 3 seconds after the screen unlock,  will be flashing rapidly to enter Wi-Fi binding status.

Click "Add Device", wait for the app to search for the device and then click "add", then follow the instructions below to finish the device binding





Note:

1. It will take some time to scan, please be patient.
2. Only Wi-Fi modules with Bluetooth functions can use this method.

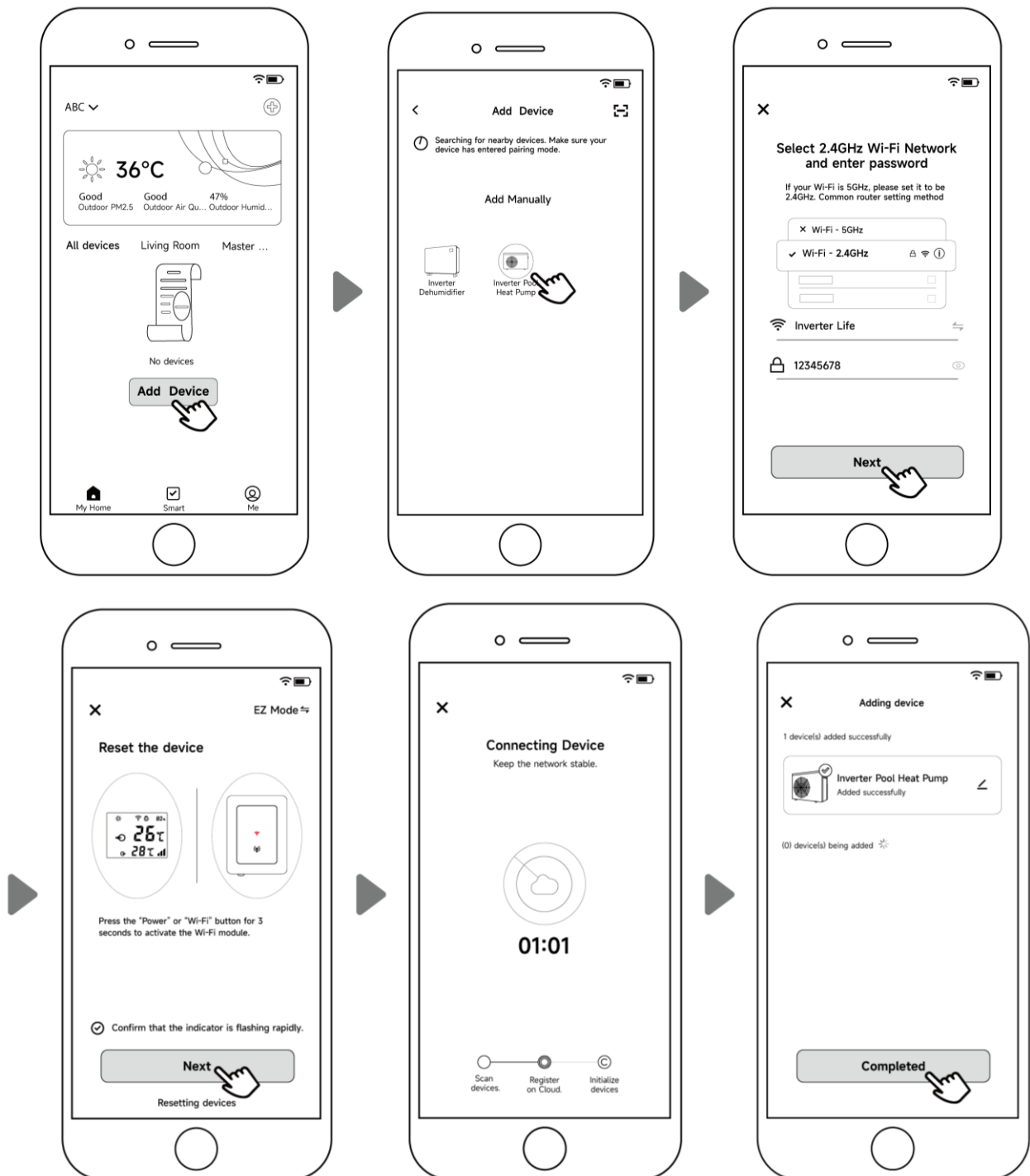
For installers and professionals

5.4.2. EZ Mode (Easy-connect)

a) Activate the Wi-Fi module

Press  for 3 seconds after screen unlock,  will be flashing rapidly to enter Wi-Fi binding status.




b) Click "Add device", follow instructions below to finish binding. display on the screen once Wi-Fi connection success.



Note: After allowing the APP to locate, it can read the Wi-Fi name automatically.

5.4.3. AP Mode

Activate Wi-Fi module




- a) Press  for 10 seconds after screen unlock,  will be flashing slowly to enter Wi-Fi binding status.
- b) Click "Add device", follow instructions below to finish binding.  display on the screen once Wi-Fi connection success.



Note: If it doesn't jump automatically, click "Confirm hotspot connection, next".

5.4.4. If connect fails, please make sure your network name and password is correct. And your router, mobile phone and device are as close as possible.

5.4.5. Wi-Fi rebinding (When Wi-Fi password changes or network configuration changes)

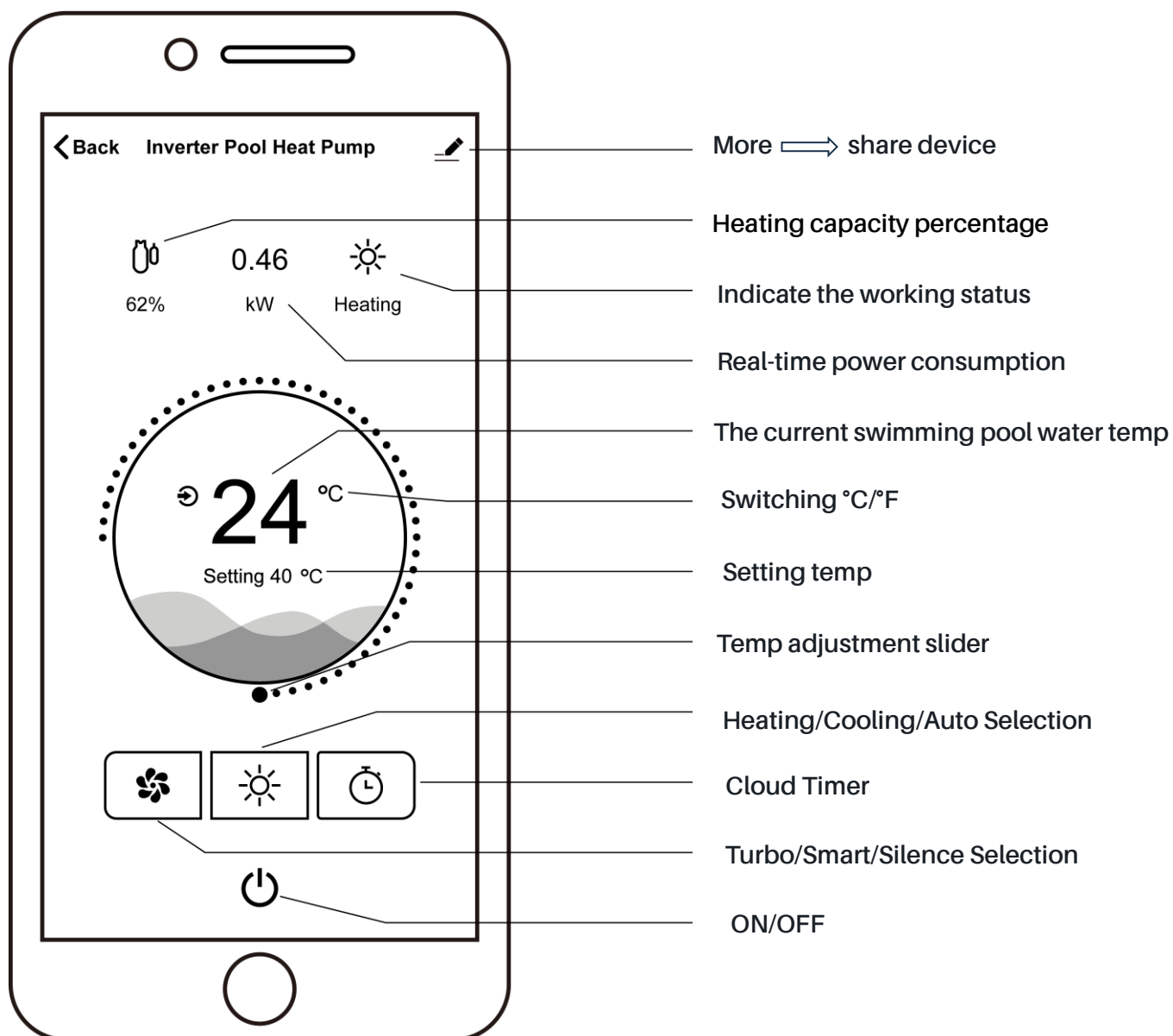
Press  for 10 seconds,  will be flashing slowly for 60 seconds. Then  will be off. The original binding will be removed. Follow step above for rebinding.

Remarks: Please make sure the router is configured at 2.4GHz.

For installers and professionals

5.5. Operation instructions

The following instructions are for heat pumps with heating and cooling functions.

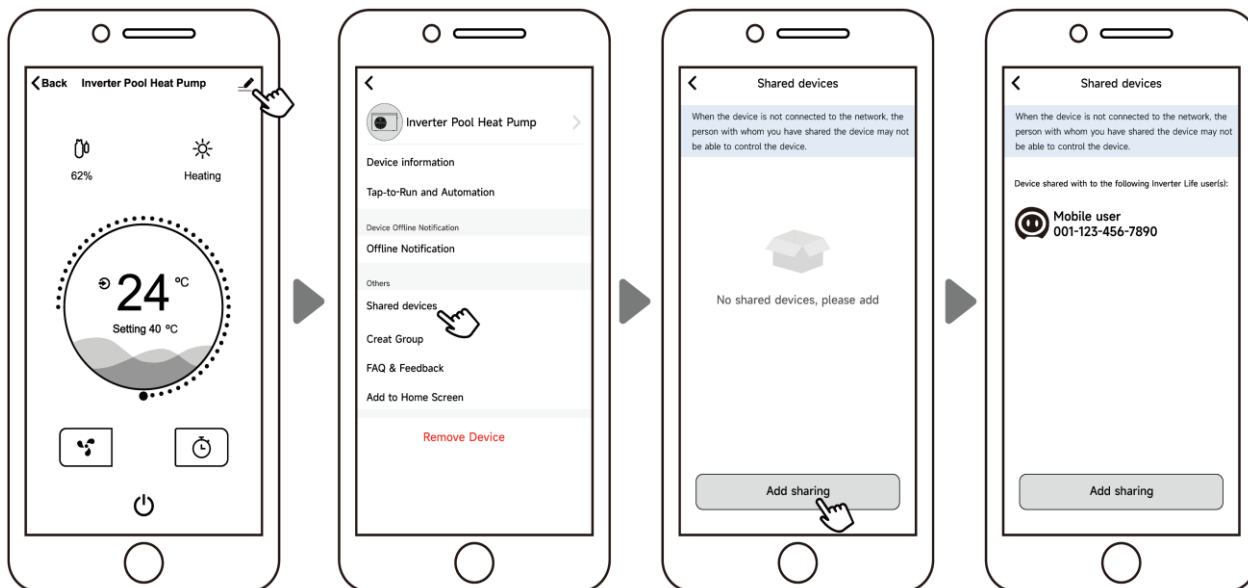


For installers and professionals

5.6. Share devices with your family members

After binding, if your family members also want to control the device.

Please let your family members register the APP first, and then the administrator can operate as below (The following pictures are for reference only):



Then your family members will see this heat pump once they log in to the APP.

Notice: 1. The weather forecast is just for reference.

2. APP is subject to update without notice.

Thank you for choosing TurboSilence Inverter.

The factory reserves the final interpretation right.

And keep the right to stop or change product specification and design without prior notice at any time, no need to bear the resulting obligations.



Version:Gm5Xr32-1